

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---|------------------|---------|---------------------|
| L2    | 8    | ("2216660").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2009/11/18<br>22:34 |
| S1    | 4    | ("5152294"   "5251631").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT                      | OR               | OFF     | 2007/12/18<br>14:50 |
| S2    | 60   | ("4186747"   "4271706"<br>"4282879"   "4431007"<br>"4446715"   "4637256"<br>"4811740"   "4913158"<br>"4932414"  <br>"5129397").PN. OR<br>("5152294"   "5251631").<br>URPN. | US-PGPUB;<br>USPAT; USOCR   | OR               | OFF     | 2007/12/18<br>14:54 |
| S3    | 3    | S2 and swing with angle  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/12/18<br>14:58 |
| S4    | 8    | S2 and (swing sector)<br>with angle  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/12/18<br>15:01 |
| S5    | 2    | ultrasound same (swing<br>sector) with angle and<br>rotary with encoder  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/12/18<br>15:03 |
| S6    | 14   | ultrasound same (swing<br>sector) with angle and<br>(rotary angular) with<br>(encoder sensor)  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/12/18<br>15:06 |
| S7    | 43   | ultrasound same (swing<br>sector) with (angle scan<br>\$3) and (rotary angular)<br>with (encoder sensor)   | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/12/18<br>15:15 |
| S8    | 0    | ultrasound same (swing<br>sector) with (angle scan<br>\$3) and (rotary angular)<br>with (encoder sensor)<br>and z near pulse   | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/12/18<br>15:26 |
| S9    | 23   | ultrasound same (swing<br>sector) with (angle scan<br>\$3) and (rotary angular)<br>with (encoder sensor)<br>and count\$3   | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2007/12/18<br>15:37 |

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| S10 | 17  | ultrasound same (swing sector) with (angle scan \$3) and (rotary angular) with (encoder sensor) and count\$3 and correct \$4 | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/12/18<br>16:11 |
| S11 | 10  | ultrasound and akiyama.in.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/12/18<br>16:13 |
| S12 | 0   | ultrasound and fuji.in.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/12/18<br>16:13 |
| S13 | 25  | ultrasound and fuji.in.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON  | 2007/12/18<br>16:14 |
| S14 | 6   | (US-7081093-\$ or US-6780153-\$ or US-6592520-\$ or US-5159931-\$ or US-4932414-\$ or US-5070879-\$).did.                    | USPAT   | OR | OFF | 2007/12/18<br>16:42 |
| S15 | 2   | S14 and (count\$3)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT                      | OR | OFF | 2007/12/18<br>16:42 |
| S16 | 312 | 600/444  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT                      | OR | OFF | 2007/12/18<br>17:25 |
| S17 | 97  | (600/444).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/28<br>03:51 |
| S18 | 180 | (600/445).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/28<br>03:51 |
| S19 | 6   | (US-7081093-\$ or US-6780153-\$ or US-6592520-\$ or US-5159931-\$ or US-4932414-\$ or US-5070879-\$).did.                    | USPAT   | OR | ON  | 2009/04/21<br>07:19 |
| S20 | 5   | S19 and (stor\$3 previous \$3 sav\$3)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/21<br>07:19 |

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| S21 | 56     | ultrasound same (swing sector) with (angle scan \$3) and (rotary angular) with (encoder sensor memory ROM)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/21<br>07:52 |
| S22 | 6      | ultrasound same (swing sector) with (angle scan \$3) and (rotary angular) with (encoder sensor memory ROM) and (read adj only read-only)   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/21<br>07:52 |
| S23 | 5      | ultrasound same (swing sector) with (angle scan \$3) and (rotary angular) with (encoder sensor memory ROM) and (read adj only read-only) and (variation correct correcting correction)                 | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/21<br>07:54 |
| S24 | 2      | ultrasound same (swing sector) with (angle scan \$3) and (rotary angular) with (encoder sensor memory ROM) and (read adj only read-only) same (variation correct correcting correction)                | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/21<br>07:54 |
| S25 | 2      | ultrasound same (swing sector) with (angle scan \$3) and (rotary angular) with (encoder sensor memory ROM) and (read adj only read-only) same (variation correct correcting correction) and (count\$3) | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2009/04/21<br>07:56 |
| S26 | 8      | (US-7081093-\$ or US-6780153-\$ or US-6592520-\$ or US-5159931-\$ or US-4932414-\$ or US-5070879-\$ or US-4429262-\$ or US-4234940-\$).did.  | USPAT   | OR | ON | 2009/04/21<br>08:43 |
| S27 | 406040 | S26 (brush brushless)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/04/21<br>08:43 |

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| S28 | 1  | S26 and (brush<br>brushless)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/21<br>08:43 |
| S29 | 1  | S26 and (dc ac) with<br>motor  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/21<br>08:44 |
| S30 | 2  | S26 and (dc ac) same<br>motor  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/04/21<br>08:44 |
| S31 | 15 | (transducer ultrasound)<br>same swing\$3 with angle<br>same (calibrat\$3 correct<br>\$3) | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT                      | OR | OFF | 2009/11/18<br>11:59 |
| S32 | 35 | "4429262"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT                      | OR | OFF | 2009/11/18<br>12:27 |
| S33 | 3  | ("4429262").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/11/18<br>12:27 |
| S34 | 11 | "5731996"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/11/18<br>12:34 |
| S35 | 2  | ("20020193685").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/11/18<br>12:48 |
| S36 | 2  | ("7158754").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/11/18<br>12:49 |

## EAST Search History (Interference)

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**11/ 18/ 2009 11:15:11 PM**

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